

# Chase Martin

[GitHub](#) | [LinkedIn](#) | [AngelList](#) | [Portfolio](#)  
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## Projects

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**Fbclone** | [Rails](#) • [JavaScript](#) • [React](#) • [Redux](#) • [PostgreSQL](#) | [Live](#) | [GitHub](#)

### *Social networking platform inspired by Facebook*

- Implements SPA architecture with React/Redux frontend and Ajax requests to a JSON API
- Features user authentication with BCrypt ruby gem to store salted and hashed passwords
- Minimizes ActiveRecord queries by fetching all user related data at login with single query
- Live chat feature uses bi-directional functionality via WebSockets with help of Pusher

**Advanced Battleship** | [JavaScript](#) • [WebGL](#) • [BabylonJS](#) • [HTML5](#) | [Live](#) | [GitHub](#)

### *WebGL implementation of Battleship: Advanced Mission*

- Utilizes a 3D interface with fluid animations to provide immersive and realistic gameplay
- Integrates with Web Audio API to supply sound effects for missile launches and explosions
- Provides smart AI for computer player which emulates intuitive human player reactions

**jQuaere** | [JavaScript](#) | [GitHub](#)

### *A lightweight DOM manipulation library*

- Wraps around native DOM API to allow selection, creation and manipulation of DOM nodes
- Allows for AJAX request creation and execution with built-in method that provides defaults
- Extends and abstracts DOM event methods which allows user to quickly provide interactivity

## Skills

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[Ruby](#) • [Rails](#) • [RSpec](#) • [JavaScript\(ES6\)](#) • [C++](#) • [React](#) • [React Native](#) • [Angular](#) • [Redux](#)  
[TDD](#) • [AWS](#) • [PostgreSQL](#) • [HTML5](#) • [CSS3](#) • [Sass](#) • [SQL](#) • [Git](#) • [WebGL](#) • [BabylonJS](#)

## Education

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**Web Development** | [App Academy](#) | [New York](#) | [Fall 2016](#)

- Graduated from an immersive full-stack web development bootcamp with less than 3% acceptance rate and rigorous weekly assessments to ensure retention of advanced concepts such as ADTs, algorithm time/space complexity, and meta programming

**Computer Science** | [Santa Monica College](#) | [Los Angeles](#) | [Spring 2012 - Fall 2014](#)

- Courses in data structures, computer architecture, linear algebra, C++ and OOP
- Left in good academic standing to pursue software engineering in a more direct path such as through personal projects and bootcamp enrollment

## Professional Experience

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**Jumpstart Instructor** | [App Academy](#) | [New York](#) | [Jan 2017 - Present](#)

- Provide coding lectures, code reviews, pairing practice and answers to technical questions for students learning Ruby in preparation for bootcamp admission at App Academy

**General Manager** | [M Café de Chaya](#) | [Los Angeles](#) | [Oct 2013 - Jan 2016](#)

- Lowered operating costs by analyzing P&L reports, accounting, vendor contracts, MICROS POS configuration and delivery systems with various custom built tracking systems